

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 27842 | (flash or non-volatile or nonvolatile or eeprom or nvram) and (block and page) and writ\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:22 |
| L2 | 103344 | ((("711") or ("365"))).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:22 |
| L3 | 4562 | L1 and L2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:22 |
| L4 | 4261 | L3 and (check\$3 or determin\$ or judg\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:22 |
| L5 | 351 | L4 and (set near block) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:22 |
| L6 | 51 | L5 and ((wear near level\$3) or (wear-level\$3) or life) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:22 |
| L7 | 41 | L6 and (valid\$4 or checked or verified) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:30 |
| L8 | 41 | L7 and L6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:23 |

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|-----|----|--|---|----|-----|------------------|
| L9 | 41 | I7 and L6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:24 |
| L10 | 6 | (US-20050190599-\$ or US-20050144365-\$ or US-20050144360-\$ or US-20050007865-\$ or US-20050005058-\$ or US-20040177212-\$).did. | US-PGPUB | OR | OFF | 2006/04/14 10:24 |
| L11 | 4 | I7 and L10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:27 |
| L12 | 2 | "20050144360" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:28 |
| L13 | 1 | I12 and valid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:28 |
| L14 | 30 | L6 and (valid\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:36 |

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|-----|--------|---|---|----|-----|------------------|
| L15 | 100 | ("6792501" "5469562" "5481699" "5848186" "5937425" "6236593" "5748538" "5572466" "5603001" "5829013" "6131139" "6282624" "6347355" "6388919" "6879528" "6938116" "6330189" "6418058" "4758951" "5987171" "6014458" "5659767" "5825944" "6173010" "5754817" "5920502" "5943260" "6002612" "6046939" "6058463" "6072721" "6233178" "6477101" "6721843" "6826081" "6868007" "7009896" "5363337" "6154569" "6347276" "6476807" "5394535" "5635987" "5956743" "6128675" "5523980" "6094693" "5577193" "5898615" "5963475").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:36 |
| L16 | 12 | l15 and valid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:41 |
| L17 | 2 | l16 and (page near valid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:42 |
| S1 | 27842 | (flash or non-volatile or nonvolatile or eeprom or nvram) and (block and page) and writ\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 23:21 |
| S2 | 103344 | ((("711") or ("365")).CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 23:21 |
| S3 | 4562 | S1 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 23:21 |

EAST Search History

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|----|------|---|---|----|-----|------------------|
| S4 | 4261 | S3 and (check\$3 or determin\$ or judg\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 23:22 |
| S5 | 351 | S4 and (set near block) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 23:23 |
| S6 | 51 | S5 and ((wear near level\$3) or (wear-level\$3) or life) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 10:21 |
| S7 | 6 | (US-20050190599-\$ or US-20050144365-\$ or US-20050144360-\$ or US-20050007865-\$ or US-20050005058-\$ or US-20040177212-\$).did. | US-PGPUB | OR | OFF | 2006/04/13 23:35 |
| S8 | 3 | S7 and @ad<"20040420" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/13 23:35 |

Edit an existing query or
compose a new query in the
Search Query Display.

Fri, 14 Apr 2006, 10:49:17 AM EST

Search Query Display

**Select a search number (#)
to:**

- Add a query to the Search
Query Display
- Combine search queries
using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

Results

| | | |
|-----------|--|---|
| <u>#1</u> | ((flash or non-volatile or nonvolatile or eeprom or nvram) and (block and page) and write and (page near valid))<in>metadata) | 0 |
| <u>#2</u> | ((flash or non-volatile or nonvolatile or eeprom or nvram) and (block and page) and write and (page near valid))<in>metadata) | 0 |
| <u>#3</u> | ((flash or non-volatile or nonvolatile or eeprom or nvram) and (block and page) and write)<in>metadata) | 3 |

Searching for (flash or non volatile or nonvolatile or eeprom or nvram) and (block and page) and write and (valid).
Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try: [Google \(CiteSeer\)](#) [Google \(Web\)](#)
[Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

6 documents found. Order: number of citations.

[A Flash-Memory Based File System - Kawaguchi, Nishioka, Motoda \(1995\) \(15 citations\)](#)

Number will be erased in the final version) A **Flash**-Memory Based File System Atsuo Kawaguchi, Shingo System (MFS)1. Introduction **Flash** memory, a **nonvolatile** memory IC (Integrated Circuit) that can hold 1994. 12] Operating system now has **flash EEPROM** management software for external storage devices" fmg-www.cs.ucla.edu/classes/239_1.fall99/papers/flashfs.ps

One or more of the query terms is very common - only partial results have been returned. Try [Google \(CiteSeer\)](#).

[A Log-Structured Persistent Store - Hulse, Dearle \(1996\) \(10 citations\)](#)

its original version when being written back to **non-volatile** storage. Provided that appropriate **pages** are those which have been written to **nonvolatile** storage. This might have occurred because the store is described by two timestamped root **blocks** which reside at known disk locations. The final ftp.gh.cs.usyd.edu.au/pub/gh/reports/GH-14.ps.gz

[The Impact of Memory Organization in Hybrid DSM - Moga, Gefflaut, Dubois \(1997\)](#)

the network interface, as in Typhoon [19] 20] or **Flash** [14] This paper explores four memory cache request. In the SCC architecture, each memory **block** is anchored to a home node and cannot be and cache capacity misses. S-COMA experiences **page** cache thrashing for applications with fine-grain rio.usc.edu/pub/papers/4hybrids.ps.gz

[Teapot: Language Support for Writing Memory . . . - Chandra, al.](#)

the attractiveness of systems, such as Stanford **Flash** [17] Wisconsin Typhoon [23] and Blizzard [24] processor to execute protocol code for other cache **blocks**. Action code, however, frequently needs to engage bear this notice and the full citation on the first **page**. Copyrights for components of this work owned by www.cs.wisc.edu/~richards/Pubs/teapot.ps

[Data Management in a Flash Memory Based Storage Server - Chiang, Lee, Chang](#)

Datamanagement In A **Flash** Memory Based Storage Server Mei-Ling Chiang
www.iis.sinica.edu.tw/~paul/paul/Papers/ics98-flash.ps

[Flash Memory Management for Lightweight Storage Systems - Chiang, Lee, Chang](#)

Flash Memory Management for Lightweight Storage

flash memory is lightweight, shock-resistant, **nonvolatile**, powerefficient and is wildly used in these several **write** operations. Besides, **flash** memory **blocks** of hot spots would soon be worn out.
ftp.iis.sinica.edu.tw/pub/TechReport/tr98003.ps.gz

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

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